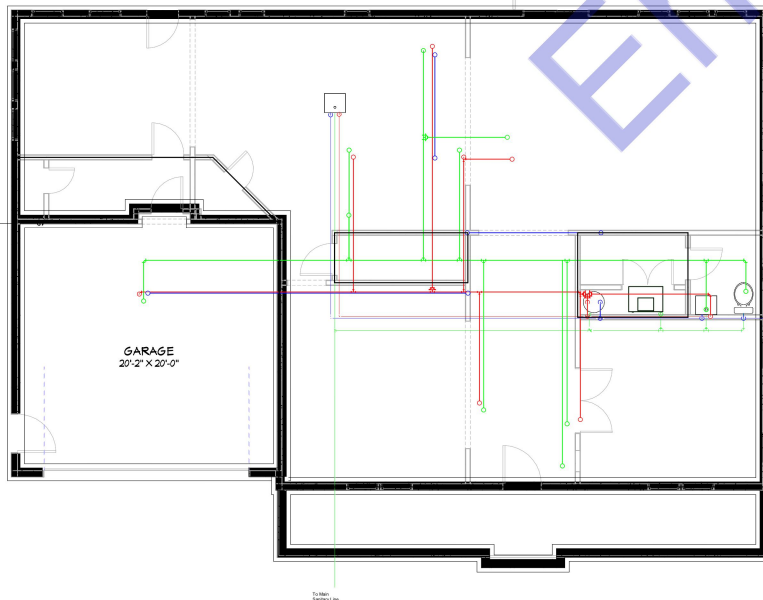


This plumbing plan for 10412 Laurel Ridge Way, Fredericksburg, VA, has been developed in strict adherence to the latest applicable codes and regulations to ensure safety, functionality, and compliance. The following codes and standards have been meticulously followed:

1. "2021 Virginia Uniform Statewide Building Code (USBC)": Effective January 18, 2024, this code governs all building construction within the Commonwealth of Virginia. [\(link: lumbarsearch\)](#)
2. "2021 International Plumbing Code (IPC)": Referenced for plumbing standards and comprehensive requirements for plumbing systems. [\(link: lumbarsearch\)](#)
3. "2021 International Residential Code (IRC)": Referenced for residential building standards. The IRC includes plumbing provisions relevant to residential projects. [\(link: lumbarsearch\)](#)
4. "2021 International Fuel Gas Code (IFGC)": This code addresses the installation and maintenance of fuel gas piping and related appliances. [\(link: lumbarsearch\)](#)
5. "2021 International Energy Conservation Code (IECC)": Establishes minimum requirements for energy efficiency and insulation in building systems. [\(link: lumbarsearch\)](#)
6. "2021 International Mechanical Code (IMC)": Covers requirements for mechanical systems, including ensuring proper integration with plumbing components. [\(link: lumbarsearch\)](#)
7. "2020 National Electrical Code (NEC)": Sets standards for electrical wiring and equipment, pertinent to electrically powered plumbing devices. [\(link: lumbarsearch\)](#)
8. "2017 Virginia Accessibility Code (ANSI A117.1)": Ensures that plumbing facilities are accessible to individuals with disabilities. [\(link: lumbarsearch\)](#)
9. "Code of Virginia Asbestos Regulations (36-97, USBC 110.3)": Regulates the handling of asbestos-containing materials during construction or renovation. [\(link: lumbarsearch\)](#)
10. "2021 International Property Maintenance Code (IPMC)": Provides standards for the maintenance of plumbing and building systems. [\(link: lumbarsearch\)](#)
11. "VVA, USA Product Approval Codes": All plumbing products and materials specified in this plan have been approved by the Virginia State Board of Building Inspection and Approval, ensuring they meet established safety and performance standards. [\(link: lumbarsearch\)](#)



① 1-Fluorbenzol
MW = 106.12

PLUMBING LEGEND

	WALL VALVE (WV)
	SAKE VALVE (SV)
	MINOR VALVE (MV)
	FLUOROCARBON (FCF)
	POLYCARBONATE (PC)
	WALL BRANCH (WB)
	FLUOROCARBON (FCF)
	PPE THERMO (PT)
	PPE THERMO (PT)
	EXPOSED PIPE
	NEW PIPE

UNITS TYPE LEGEND

	WALL VALVE (WV) (WV)
	SAKE VALVE (SV) (SV)
	MINOR VALVE (MV) (MV)
	FLUOROCARBON (FCF) (FCF)
	POLYCARBONATE (PC) (PC)
	WALL BRANCH (WB) (WB)
	FLUOROCARBON (FCF) (FCF)
	PPE THERMO (PT) (PT)
	PPE THERMO (PT) (PT)
	EXPOSED PIPE (EP) (EP)
	NEW PIPE (NP) (NP)

Plumbing Legend



Consultant
Address
Email
Phone
Website

Engr. Al Arin
OFFICE 24A, 182-184
HIGH STREET NORTH
AREA 1/1, EAST HAM
LONDON
UNITED KINGDOM E6 2JA
support@engr9arn.com
www.enr9arn.com

[illegible]

Owner

10412 Laurel Ridge Way
Fredericksburg, VA 22408

First Floor Plumbing Plan

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checked

P. 1

Scale	As indicated
-------	--------------



Consultant Address	Engr AJ Arin OFFICE 24A 182-184 HIGH STREET NORTH AREA 1/1, EAST HAM LONDON UNITED KINGDOM E6 2JA support@engrteam.com
Email	
Phone	
Website	www.engrteam.com

Owner

10412 Laurel Ridge Way
Fredericksburg, VA 22408

Second Floor Plumbing Plan

Project Number	Project Number
Date	Issue Date
Drawn By	Author
Checked By	Checker

P. 2

Scale $3/8" = 1'-0"$